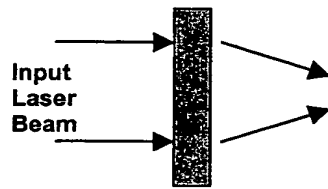


**FIG. 1 A NECESSARY PEREREQUISITE FOR  
HEL WINDOWS**

$$LC = (n-1) (1+pr) CTE + dn/dT \quad \text{Zero}$$

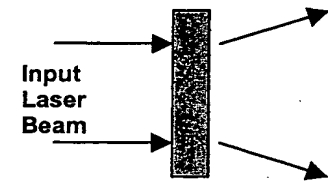
Lens Coeff. > 0

Optical focus  
Fused silica



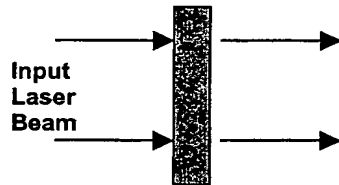
Lens Coeff. < 0

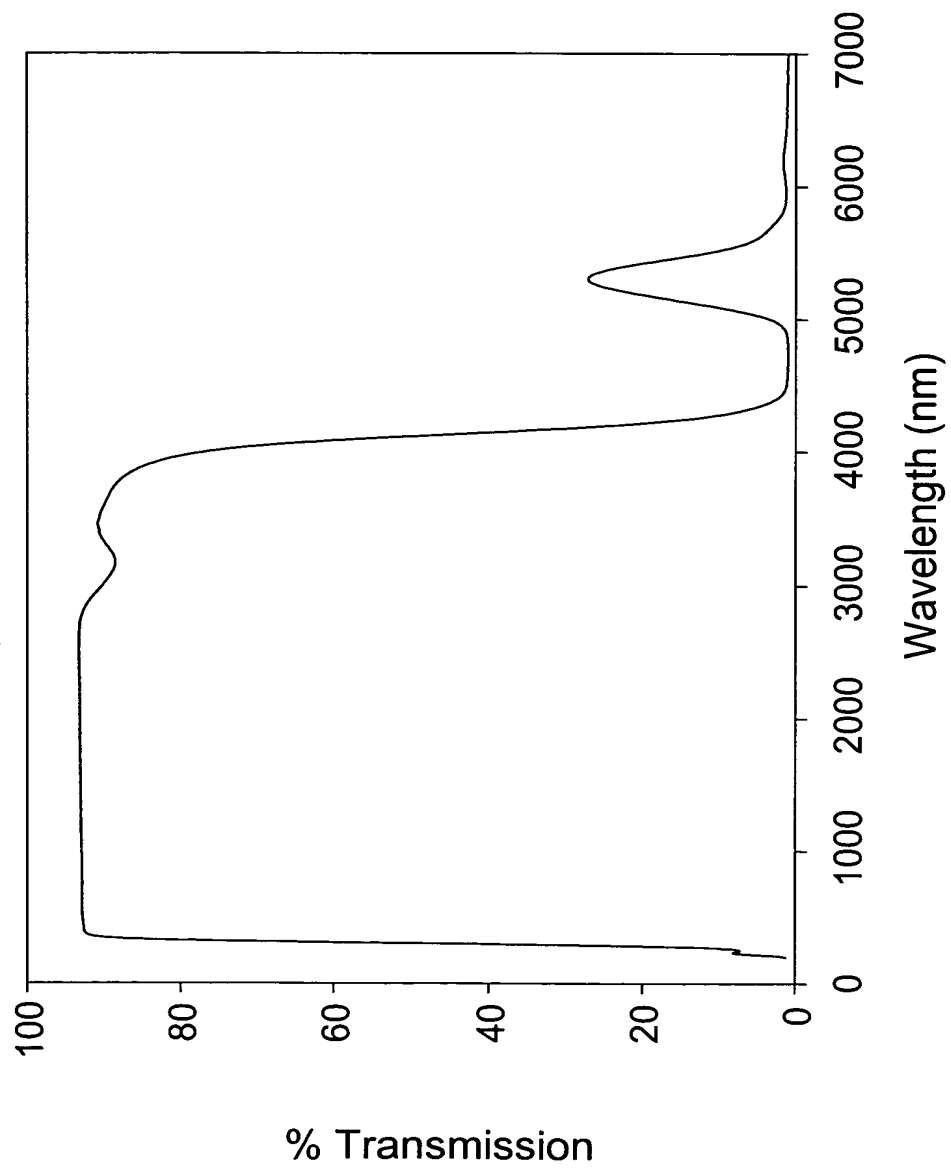
Optical defocus  
Fluoride glass



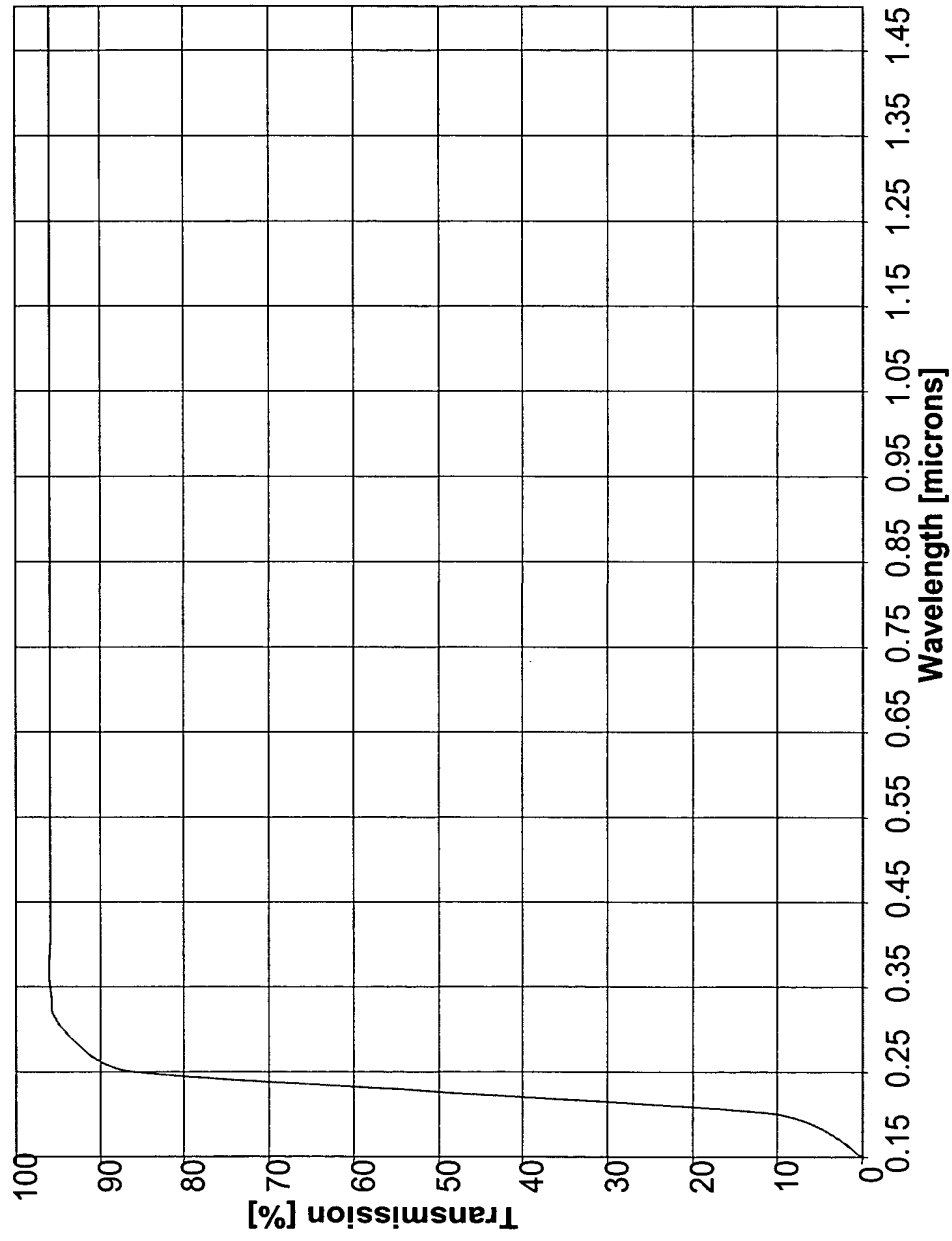
Lens Coeff. = 0

Optical flat  
Oxyfluoride glass (OFG™)





**Fig. 2- Near Infrared Transmission of Oxyfluoride Glass- 2mm thick**



**Fig. 3**  
**Visible Transmission of Oxyfluoride Glass**